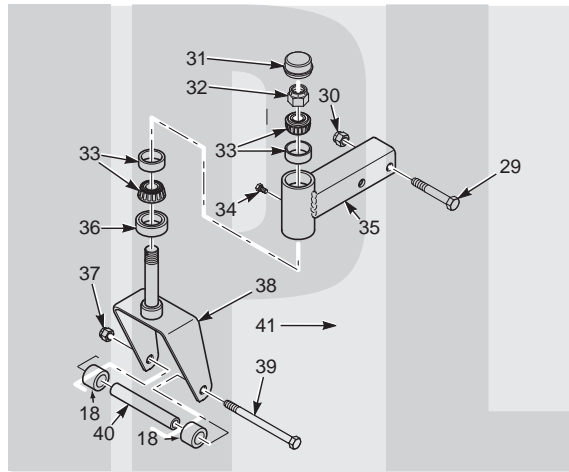


SCAG[®]

POWER EQUIPMENT



MODEL STT

ILLUSTRATED PARTS LIST

THIS MANUAL CONTAINS THE ILLUSTRATED PARTS LIST FOR MODELS:

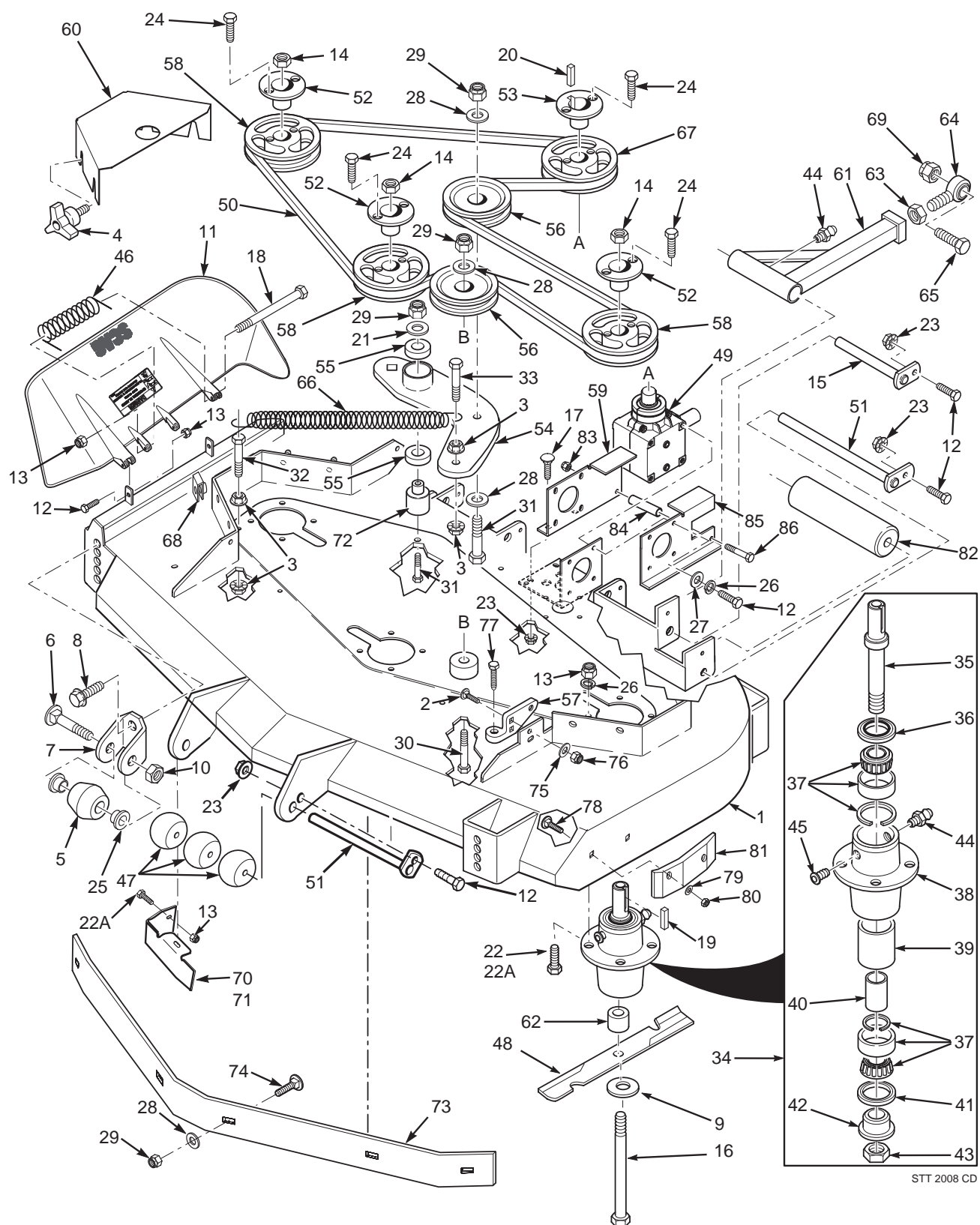
STT61V-25KBD-SS with a serial number of D7900001 to D7999999



ILLUSTRATED PARTS LIST TABLE OF CONTENTS

SUBJECT	PAGE
STT61V Cutter Deck	2-3
Cutter Deck Controls	4-5
Sheet Metal Components	6-7
STT Roll Over Protection System with Suspension Seat	8-9
Deck Drive Components	10-11
Engine and Attaching Parts (Kubota Diesel)	12-13
Brake and Steering Components	14-15
Fuel and Hydraulic System (Kubota Diesel)	16-17
Hydraulic Pump (BDP-16 w/Cooling Fan)	18-19
Electrical System (Kubota Diesel)	20-21
Replacement Decals	22-23
Electrical Schematic (Kubota Diesel)	24

61V CUTTER DECK

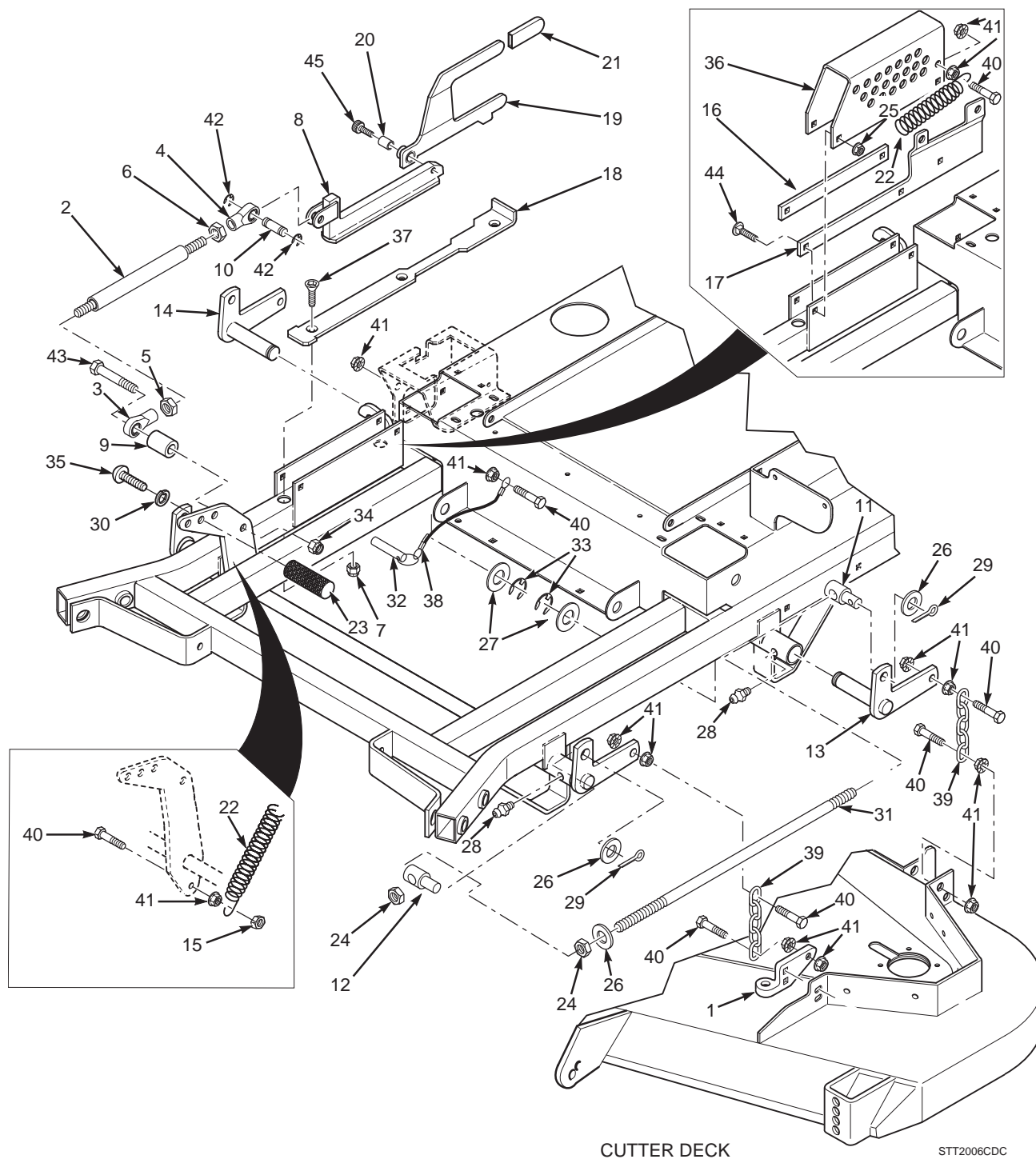


STT 2008 CD

61V CUTTER DECK

Ref. Part No. No.	Description	Ref. Part No. No.	Description
1 461863	Cutter Deck Velocity Plus	48 482879	Cutter Blade, 21"
2 04003-40	Bolt, Carriage 7/16-14 x 1-1/4"	49 482486	Gearbox Assembly, Deck Drive
3 04019-04	Nut, Hex Serrated Flange 3/8-16	50 481558	Belt, Cutter Deck Drive
4 481625-01	Wing nut, 3/8-16	51 45944	Roller Shaft
5 481632	Anti-Scalp Wheel	52 48926	Tapered Hub, 1-1/8" Bore
6 04003-26	Bolt, Carriage 3/8-16 x 4"	53 48141	Tapered Hub, 1" Bore
7 422478	Anti-Scalp Wheel Bracket	54 461842	Idler Arm, Cutter Deck
8 04017-27	Bolt, Hex Serrated Flange 3/8-16 x 1"	55 48224	Bearings, Ball
9 04043-06	Flatwasher, 5/8" Hardened	56 483215	Pulley, Idler
10 04021-05	Locknut, 3/8-16 Center Lock	57 461929	Lever Assembly, Deck Level (Incl. 77)
11 461846	Discharge Chute	58 482745	Pulley, 6.35 O.D. (61")
12 04001-11	Bolt, Hex Head 5/16-18 x 1-3/4" - Front	59 424798	Mounting Plate, RH Gearbox
04001-12	Bolt, Hex Head 5/16-18 x 1-1/2" - Rear	60 424325	Belt, Cover
13 04021-22	Nut, Hex Elastic Stop 5/16-18 Grade 8	61 461516	Pusharm (incl. items 44, 63 & 64)
14 04020-09	Nut, 5/8-11 UNC	62 43590	Spacer, Spindle Bottom
15 451240	Push Arm Shaft	63 04020-16	Nut, Hex Head 5/8-18 UNF
16 04001-41	Bolt, Hex Head 5/8-11 x 9-1/2"	64 48763	Rod End, 5/8" Male RH Thread
17 04003-12	Bolt, Carriage 5/16-18 x 3/4"	65 04001-79	Bolt, Hex Head 5/8-11 x 4-1/2"
18 04001-108	Bolt, Hex Head 5/16-18 x 4-1/2"	66 481597	Spring, Cutter Deck
19 04063-08	Key, 1/4 x 1/4 x 2"	67 482746	Pulley, 6.75 O.D.
20 04063-01	Key, 1/4 x 1/4 x 1-1/4"	68 04110-03	U-Nut, 3/8-16
21 04043-04	Flatwasher, 3/8-.39 x .938 x .105 HD	69 04021-13	Nut, Hex Elastic Stop 5/8-11
22 04001-176	Bolt, Hex Head 5/16-18 x 1-3/4"	70 424208	Discharge Baffle 52V
23 04019-03	Nut, Hex Serrated Flange 5/16-18	72 43681	Pivot, Idler - Short
24 04001-172	Bolt, Hex Head 1/4-20 x 1" Grade 8	73 424164	Baffle, Custom Cut 61V
25 48100-15	Bushing, .376 I.D. Oilite	74 04003-23	Bolt, Carriage 3/8-16 x 1"
26 04030-03	Lockwasher, 5/16"	75 04040-11	Flatwasher, 7/16-.500 x 1.25 x .083
27 04040-15	Flatwasher, 5/16" (.375 x .875 x .083)	76 04021-11	Nut, Elastic Stop 7/16-14
28 04041-07	Flatwasher, 3/8" (.391 x .938 x .105)	77 483167	Bolt, Deck Adjust
29 04021-09	Nut, Hex Elastic Stop 3/8-16	78 04003-12	Bolt, Carriage 5/16-18 x 3/4"
30 04001-62	Bolt, Hex Head 3/8-16 x 3-1/4"	79 04040-04	Flatwasher, 5/16"
31 04001-54	Bolt, Hex Head 3/8-16 x 3"	80 04021-04	Nut, Center Lock 5/16-18
32 04001-20	Bolt, Hex Head 3/8-16 x 1-1/2"	81 483176	Wear Pad
33 04001-136	Bolt, Hex Head 3/8-16 x 1-1/2" Grade 8	82 48038	Wheel, Anti-Scalp
34 461663	Spindle Assembly	83 04021-10	Nut, Elastic Stop 5/16-18
35 43589	Spindle Shaft	84 43763	Spacer, Gearbox Mount
36 481024	Seal, Top	85 424799	Mounting Plate, LH Gearbox
37 481022	Bearing Assembly	86 04001-154	Bolt, Hex Head 5/16-18 x 4-3/4"
38 43644	Spindle Housing		
39 43312	Spacer, Outside		
40 43296	Spacer, Inside		
41 481025	Seal, Bottom		
42 43297	Spindle Bushing, Bottom		
43 481035	Nut, Special 1-1/16-18		
44 48114-04	Grease Fitting		
45 48677	Relief Fitting, Tapered Spindle		
46 483378	Spring, Discharge Chute		
47 482295	Wheel, Anti-Scalp		

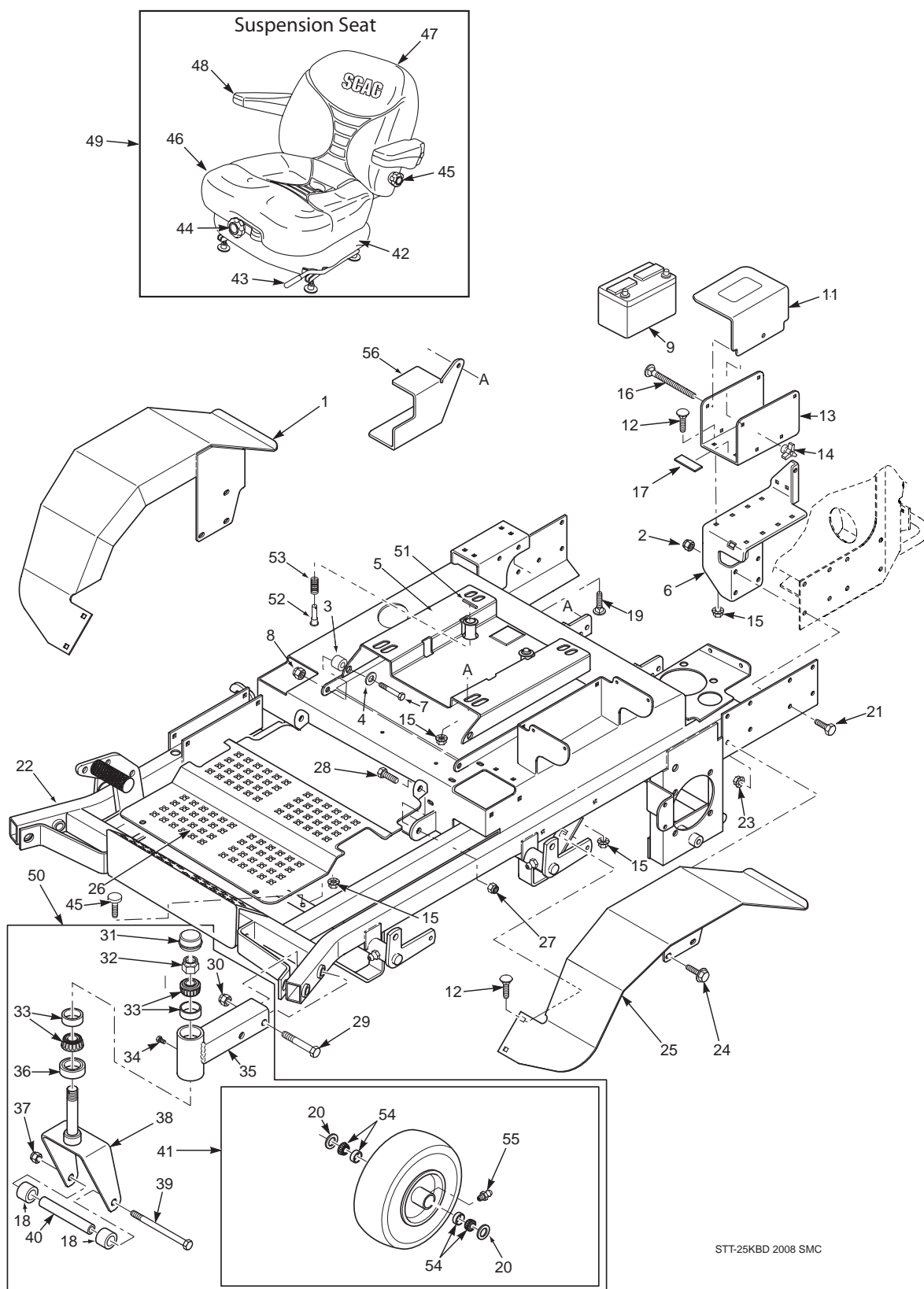
CUTTER DECK CONTROLS



CUTTER DECK CONTROLS

Ref. No.	Part No.	Description
1	461929	Lever Assembly, Deck Level
2	481764	Link, Deck Lift
3	481765	Rod End, Female - 1/2-20 RH
4	481766	Rod End, Female - 1/2-20 LH
5	04020-27	Nut, Jam 1/2-20 RH
6	04020-28	Nut, Jam 1/2-20 LH
7	04021-09	Nut, 3/8-16 Elastic Stop
8	482429	Slide Weldment, Height Adjustment
9	43391	Spacer, Decklift Pedal
10	43487	Pin, Decklift
11	43526	Swivel Joint, LH
12	43527	Swivel Joint, RH
13	45904	Bellcrank Weldment, LH Rear
14	45905	Bellcrank Weldment, RH Rear
15	04021-05	Locknut, 3/8-16 Center Lock
16	422381	Guide, Short
17	423509	Guide, Long
18	422346	Lockplate, Decklift
19	46975	Deck Latch (Includes items 20& 21)
20	48100-14	Bushing, .502 ID.
21	481428	Grip, Deck Latch
22	481598	Spring, Helper (61" & 72" Cutter Decks Only)
23	424504	Foot Pedal, Height Adjustment
24	04020-09	Nut, Hex 5/8-11
25	04019 -03	Nut, Hex Serrated Flange 5/16-18
26	04040-09	Flatwasher, 5/8" (.656 x 1.312 x .095)
27	04041-14	Flatwasher, 1" (1.062 x 1.50 x .048)
28	48114-04	Grease Fitting
29	04061-07	Cotter Pin, 3/16 x 1"
30	04030-07	Lockwasher, 5/8"
31	04004-44	Stud, 5/8-11 x 22.0"
32	04067-09	Ring Pin, 1/2 x 3.06"
33	04050-08	Ring, Retaining 1" External "E"
34	04021-07	Nut, Hex Elastic Stop 1/2-13
35	04105-01	Capscrew, 5/8-11 x 1-1/2"
36	423463	Bracket, Cutting Height Adjustment
37	04014-03	Screw, Cap 5/16-18 x 3" FHHS
38	483345	Lanyard, Deck Height Pin Assembly (incl. item #32)
39	48540	Chain
40	04001-20	Bolt, Hex Head 3/8-16 x 1-1/2"
41	04019-04	Nut, Hex Serrated Flange 3/8-16
42	04050-10	Ring, Retaining 1/2" External "E"
43	04001-74	Bolt, Hex Head 1/2-13 x 3"
44	04003-04	Bolt, Carriage 5/16-18 x 1"
45	04009-02	Bolt, Shoulder 1/2 x 3/4"

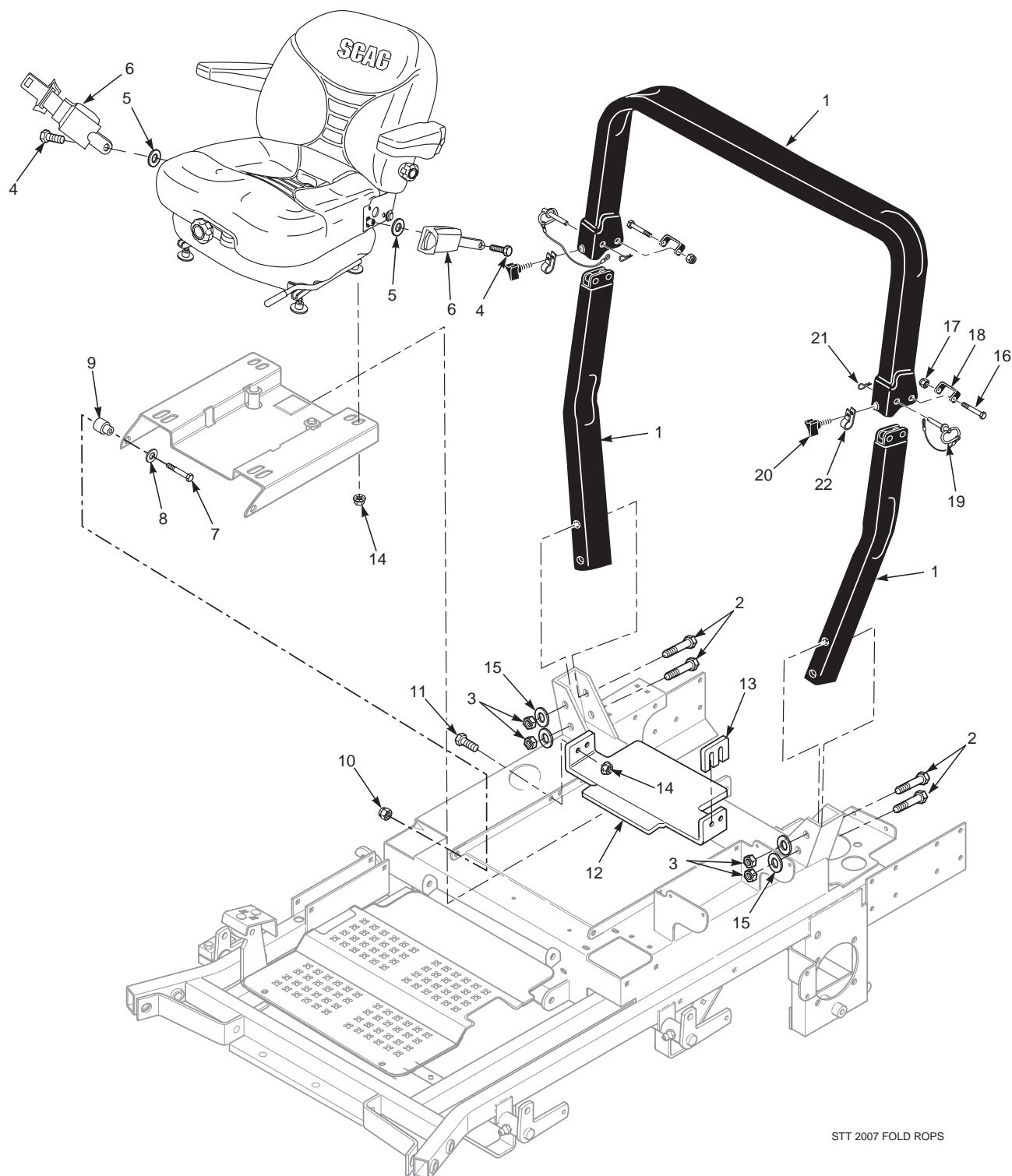
SHEET METAL COMPONENTS



SHEET METAL COMPONENTS

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	451481	Fender Weldment, RH	36	481025	Seal, 2.00 OD. x 1.625 Bore
2	04021-09	Nut, Elastic Stop 3/8-16	37	04021-07	Nut, Hex Elastic Stop 1/2-13
3	43606	Spacer	38	451416	Yoke Weldment, Caster
4	04041-07	Flatwasher, 3/8-.391 x .938 x .105	39	04001-167	Bolt, Hex Head 1/2-13 x 9-1/2"
5	461966	Seat Plate Weldment	40	43583	Sleeve, Caster Wheel
6	424488	Battery Box Mount	41	9278	Wheel Assembly
7	04001-45	Bolt, Hex Head 3/8-16 x 2.0"	42	482942	Shock Absorber Kit
8	04021-09	Nut, Elastic Stop 3/8-16	43	482952	Seat Adjustment, Track Set
9	*	Battery (not avail. through Scag)	44	482944	Weight Adjustment Kit
10	481780	Pad, Battery Cover		482948	Knob Kit
11	422682	Cover, Battery	45	482943	Lumbar Kit
12	04003-12	Bolt, Carriage 5/16-18 x 3/4"		482948	Knob Kit
13	462007	Plate, Battery Box	46	482941	Seat Cushion Kit
14	04029-01	Wing Nut, 1/4-20 x 3/4"			Seat Drain Kit (Included with Seat Cushion)
15	04019-03	Nut, Hex Serrated Flange 5/16-18	47	482940	Back Cushion Kit
16	04003-30	Bolt, Carriage 1/4-20 x 7-1/2"	48	482950	Armrest Only
17	48661	Rubber Pad		482945	Armrest Assembly Kit, LH
18	43584	Spacer, Caster Wheel		482946	Armrest Assembly Kit, RH
19	04003-04	Bolt, Carriage 5/16-18 x 1"	49	9292	Suspension Seat Assembly w/seat belt
20	482622	Seal	50	461908	Caster Wheel Assy (Inc. 31 thru 43)
21	04001-19	Bolt, Hex Head 3/8-16 x 1"			61V (LH)
22	461991	Main Frame		461909	Caster Wheel Assy (Inc. 31 thru 43)
23	04019-04	Nut, Hex Serrated Flange 3/8-16			61V (RH)
24	04017-27	Screw, Hex Serrated Flange 3/8-16 x 1"	51	04060-01	Roll Pin, Spring 5/32 x 3/4"
25	451480	Fender Weldment, LH	52	43477	Pin Retainer, Spring
26	423489	Foot Plate	53	481389	Spring, Seat
27	04021-09	Nut, Hex Elastic Stop 3/8-16	54	482621	Bearing w/ Race
28	04001-19	Bolt, Hex Head 3/8-16 x 1"	55	48114-10	Grease Fitting
29	04001-125	Bolt, Hex Head 5/8-11 x 4"	56	424819	Guard, Fuel Line
30	04021-13	Nut, Hex Elastic Stop 5/8-11			
31	481559	Cap, Grease			
32	04021-20	Nut, Hex Elastic Stop 1.0-14			
33	481657	Bearing W/Race			
34	482028-01	Plug, 1/4-28 THD Form			
35	451825	Extension Weldment, Caster 61A (LH)			
	451451	Extension Weldment, Caster 61A (RH)			

STT ROLL-OVER PROTECTION SYSTEM - WITH SUSPENSION SEAT

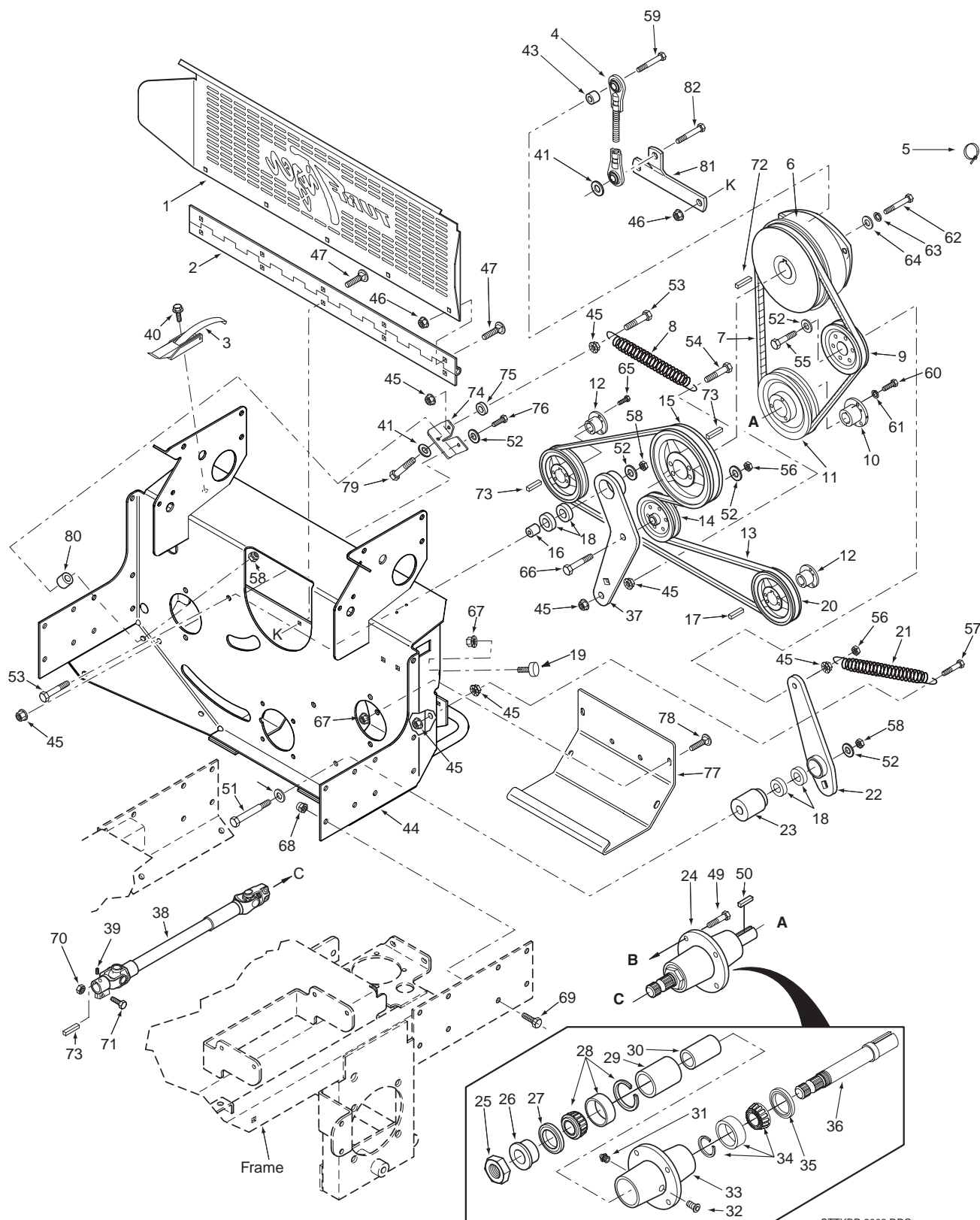


STT 2007 FOLD ROPS

STT ROLL-OVER PROTECTION SYSTEM - WITH SUSPENSION SEAT

Ref. Part No. No.	Description
1 9514	STT, ROPS Accessory (incl. all items below)
2 04001-82	Bolt, Hex Head 1/2-13 x 4-1/2"
3 04021-19	Nut, Center Lock 1/2-13
4 04001-178	Bolt, Hex Head 7/16-20 x 1"
5 04040-11	Flatwasher, 7/16-.500 x 1.25 x .083
6 483594	Retractable Seat Belt
7 04001-45	Bolt, Hex Head 3/8-16 x 2"
8 04041-07	Flatwasher, 3/8-.391 x .938 x .105
9 43606	Sleeve, Seat Base Mounting
10 04021-09	Nut, Elastic Stop 3/8-16
11 04001-09	Bolt, Hex Head 5/16-18 x 1"
12 461968	Bracket, Seat Hold Down with Decal
13 424193	Spacer, Seat Hold Down
14 04019-03	Nut, Serrated Flange 5/16-18
15 04040-13	Flatwasher, 1/2-.562 x 1.375 x .109
16 04001-145	Bolt, Hex Head 1/2-13 x 3-1/2"
17 04021-19	Nut, Center Lock 1/2-13
18 424407	Bracket, Stop
19 483262	Pin
20 483301	Thumb Screw, 5/16-18 NC x 3/4"
21 04062-06	Hair Pin, Cotter
22 483265	Clamp

DECK DRIVE COMPONENTS

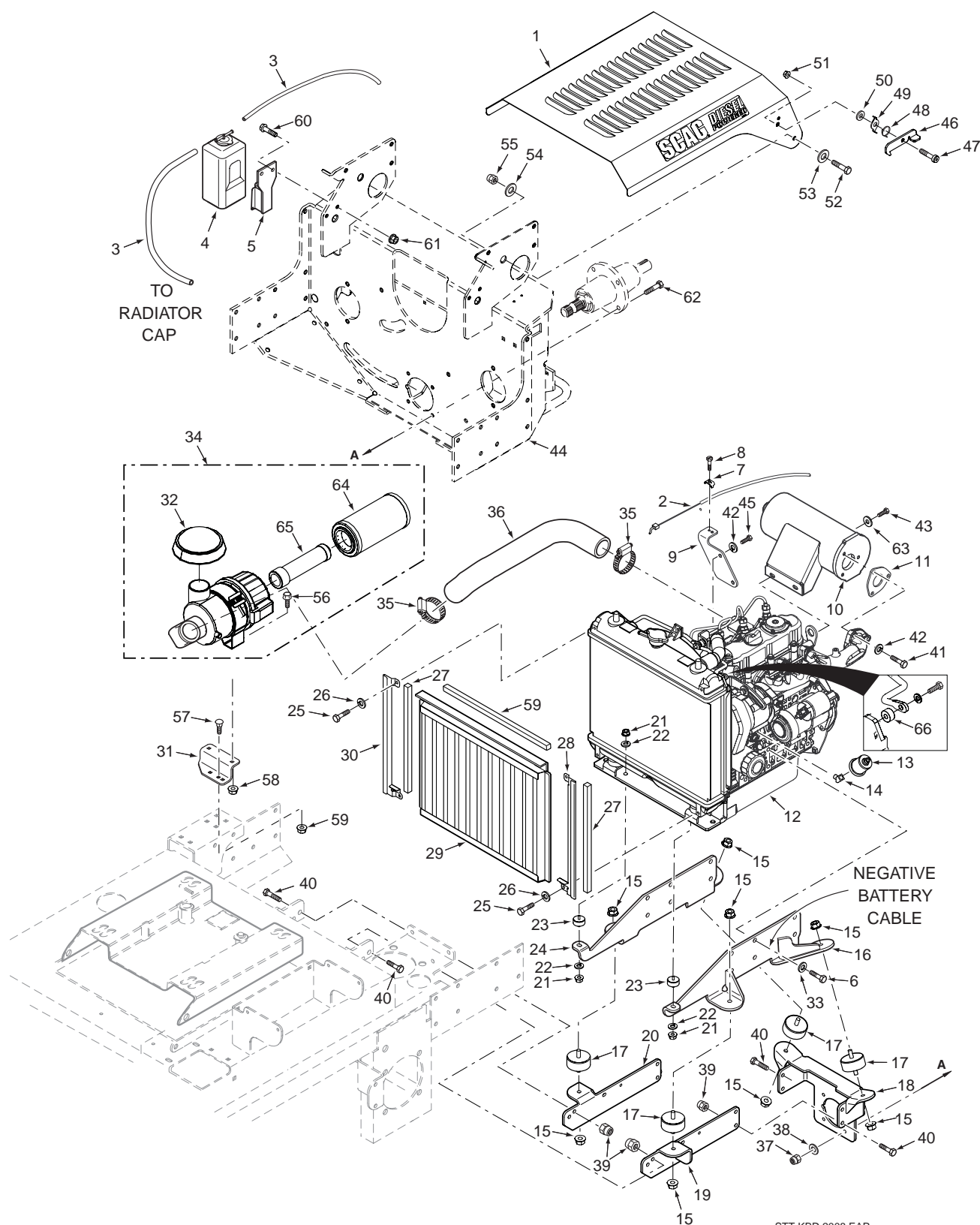


STTKBD 2008 DDC

DECK DRIVE COMPONENTS

Ref. Part No. No.	Description	Ref. Part No. No.	Description
1 423925	Belt Guard, Rear	44 451861	Pump Mounting Plate Weldment (Kubota)
2 481531	Hinge, Belt Guard	45 04019-04	Nut, Serrated Flange 3/8-16
3 481309	Latch, Hood	46 04019-02	Nut, Serrated Flange 1/4-20
4 482433	Rod Assembly, Clutch Anti-Rotation	47 04003-07	Bolt, Carriage 1/4-20 x 1/2"
5 48030-09	Clamp, Cable	48 04021-22	Nut, Elastic Stop 5/16-18 Grade 8
6 462011	Clutch, Ogura GT-3.5	49 04001-176	Bolt, Hex Head 5/16-18 x 1-3/4" Grade 8
7 481460	Belt, Deck Drive	50 04063-06	Key, 1/4 x 1/4 x 1-1/2"
8 483088	Spring, Transmission Idler	51 04001-171	Bolt, Hex Head 3/8-16 x 4-1/2" Grade 8 Black
9 48181	Pulley, Idler 5" Dia.	52 04043-04	Washer, 3/8" Hardened
10 481536	Tapered Hub, 1" Bore	53 04001-135	Bolt, Hex Head 3/8-16 x 1-3/4" Grade 8 Black
11 481398	Pulley, 6.35 Tapered Bore	54 04001-136	Bolt, Hex Head 3/8-16 x 1-1/2" Grade 8 Black
12 481884	Tapered Hub, 17mm Bore	55 04001-170	Bolt, Hex Head 3/8-16 x 2-1/2" 1.5 Thread Grd.8
13 483166	Belt, Pump Drive	56 04021-05	Nut, Center Lock 3/8-16
14 483214	Pulley, Idler 4" Dia.	57 04001-136	Bolt, Hex Head 3/8-16 x 1-1/2" Grade 8 Black
15 483354	Pulley, 5.35 Dia.-1.125 Bore	58 04021-09	Nut, Elastic Stop 3/8-16
16 43631	Spacer, Idler Bearing	59 04001-45	Bolt, Hex Head 3/8-16 x 2"
17 04063-14	Key, 5.0 x 5.0 x 25mm	60 04001-109	Bolt, Hex Head 1/4-20 x 1-3/8"
18 48224	Ball Bearing	61 04030-02	Lockwasher, 1/4" Spring
19 481284	Bumper, Rubber	62 04001-101	Bolt, Hex Head 7/16-20 x 2-1/2" UNF
20 482745	Pulley, 6.35" OD Tapered Bore	63 04030-05	Lockwasher, 7/16" Spring
21 483430	Spring, PTO	64 04041-28	Flatwasher, 7/16-.469 x 1.75 x .25
22 461609	Idler Arm Weldment, PTO Drive	65 04001-172	Bolt, Hex Head 1/4-20 x 1" Grade 8
23 43632	Pivot, Idler PTO	66 04001-21	Bolt, Hex Head 3/8-16 x 1-3/4"
24 461697	Spindle Assembly, Deck Drive	67 04019-03	Nut, Serrated Flange 5/16-18
25 481035	Nut, 1.06-18 Thread	68 04021-09	Nut, Elastic Stop 3/8-16
26 43297	Spindle Bushing, Bottom	69 04001-19	Bolt, Hex Head 3/8-16 x 1"
27 481025	Seal, 2.0 OD x 1.625 Bore	70 04021-05	Nut, Center Lock 3/8-16
28 481022	Roller Bearing Tapered	71 04001-21	Bolt, Hex Head 3/8-16 x 1-3/4"
29 43312	Spacer, Outside	72 04063-02	Key, 1/4 x 1/4 x 2-1/4"
30 43296	Spacer, Inside	73 04063-20	Key, 1/4 x 1/4 x 1"
31 48114-04	Grease Fitting, 1/4-28	74 424138	Bracket
32 48677	Relief Fitting	75 43063	Spacer
33 43644	Spindle Housing	76 04001-19	Bolt, Hex Head 3/8-16 x 1"
34 481022	Roller Bearing Tapered	77 424691	Cover, Rear
35 481024	Seal, 2.0 OD x 1.5 Bore	78 04003-12	Bolt, Carriage 5/16-18 x 3/4"
36 43534	Shaft, Deck Drive	79 04001-45	Bolt, Hex Head 3/8-16 x 2"
37 461608	Idler Arm Weldment, Pump Drive	80 43286	Spacer
38 482438	Driveshaft (Liquid Cooled Engine)	81 423465	Anchor Bracket, Anti-Rotation
39 04012-08	Set Screw, 3/8-16 x 3/4" Torx Socket	82 04001-10	Bolt, Hex Head 5/16-18 x 1-1/4"
40 04011-11	Screw, #10-32 x .56		
41 04041-07	Flatwasher, 3/8-.391 x .938 x .105		
42 04069-01	Pin, Rue Cotter 3/8 Dia.		
43 43587	Spacer		

ENGINE & ATTACHING PARTS -KUBOTA DIESEL



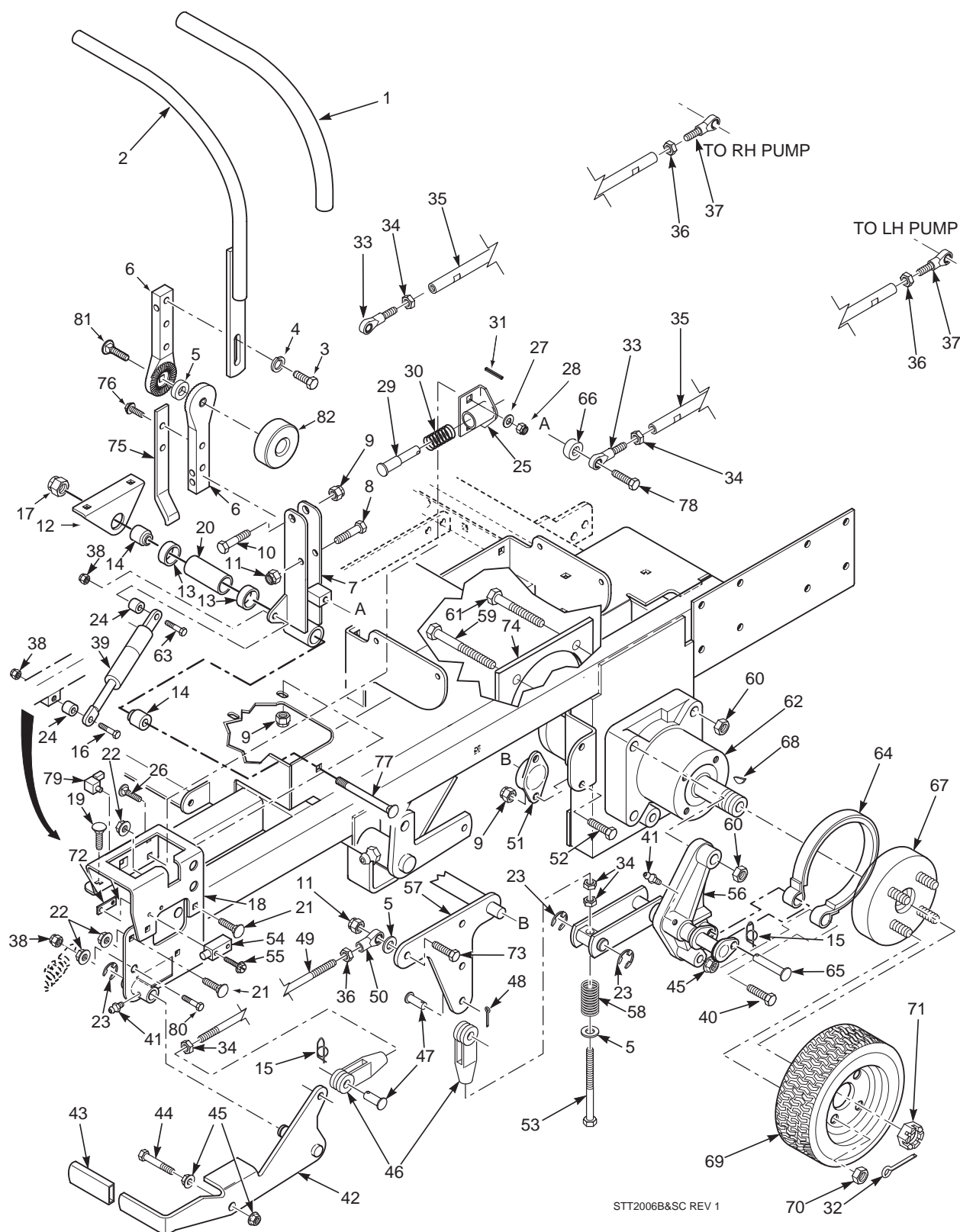
STT KBD 2008 EAP

ENGINE & ATTACHING PARTS - KUBOTA DIESEL

Ref. Part No. No.	Description	Ref. Part No. No.	Description
1 462008	Hood Assembly (incl. 46, 47, 48,49, 50, 51)	43 04002-03	Bolt, Metric Hex Head M8-1.25 x 25LG
2 483356	Throttle Cable	44 451861	Pump Mounting Plate Weldment (Kubota)
3 **	Hose, Over Spill Bottle	45 04002-12	Bolt, Metric Hex Head M8-1.25 x 20LG
4 **	Over Spill Bottle	46 424633	Latch, Hood
5 **	Mounting Bracket, Over Spill Bottle	47 04009-07	Bolt, Shoulder 5/16-18 x 1/2"
6 04002-10	Bolt, Metric Hex Head M10-1.25 x 25LG	48 483507	Spring, Hood Latch
7 424580	Clamp	49 424634	Lock, Hood Latch
8 04011-06	Screw, Self Tapping	50 04041-07	Flatwasher, 3/8-.391 x .938 x .105
9 424485	Bracket, Control Mount	51 04021-04	Nut, Center Lock 5/16-18
10 483353	Muffler, Kubota	52 04001-21	Bolt, Hex Head 3/8-16 x 1-3/4"
11 483387	Gasket, Muffler	53 04041-07	Flatwasher, 3/8-.391 x .938 x .105
12 483335	Engine, Kubota (not avail. through Scag)	54 04041-11	Flatwasher, 3/8-.406 x 1.50 x 7 Gauge
13 481811	Oil Pressure Sender	55 04021-09	Nut, Elastic Stop 3/8-16
14 483433	Elbow, 45 Degree	56 04017-16	Bolt, Hex Head Serr. Flange 5/16-18 x 3/4"
15 04019-04	Nut, Serrated Flange 5/16-18	57 04003-12	Bolt, Carriage 5/16-18 x 3/4"
16 451862	Mounting Bracket Weldment LH	58 04019-03	Nut, Serrated Flange 5/16-18
17 483351	ISO Mount	59 483513	Foam, Radiator Screen Upper
18 424452	Plate, Rear Engine Mount	60 04017-16	Bolt, Hex Head Serr. Flange 5/16-18 x 3/4"
19 424448	Plate, Engine Mount LH	61 04019-03	Nut, Serrated Flange 5/16-18
20 424449	Plate, Engine Mount RH	62 04001-176	Bolt, Hex Head 5/16-18 x 1-3/4" Grade 8
21 04025-02	Nut, Metric Hex M8-1.25	63 04040-04	Flatwasher, SAE 5/16-.344 x .688 x .065
22 04030-03	Lockwasher, 5/16" Spring	64 483637	Air Filter, Outer (Enginaire p/n 68300)
23 **	Rubber ISO Mount, Radiator	65 483636	Air Filter, Inner (Enginaire p/n 68340)
24 451863	Mounting Bracket Weldment RH	66 43714	Spacer, Radiator
25 04106-01	Capscrew, Metric M6-1.0 x 16		
26 04030-02	Lockwasher, 1/4" Spring		
27 483512	Foam, Radiator Screen		
28 424624	Debris Screen Track LH		
29 491259	Debris Screen Assembly (incl. 59)		
30 424623	Debris Screen Track RH		
31 424497	Bracket, Air Cleaner Mount		
32 483635	Rain Cap (Enginaire p/n 68381)		
33 04030-05	Lockwasher, 7/16" Spring		
34 483485	Air Filter Assembly (Enginaire p/n 68665)		
35 48136-09	Clamp, 2-1/4" Max. Dia.		
36 483343	Hose, Air Intake		
37 04021-22	Nut, Elastic Stop 5/16-18 Grade 8		
38 04030-03	Lockwasher, 5/16" Spring		
39 04021-09	Nut, Elastic Stop 3/8-16		
40 04001-19	Bolt, Hex Head 3/8-16 x 1"		
41 04002-01	Bolt, Metric Hex Head M8-1.25 x 30LG		
42 04030-03	Lockwasher, 5/16" Spring		

** Available through the individual engine manufacturer.

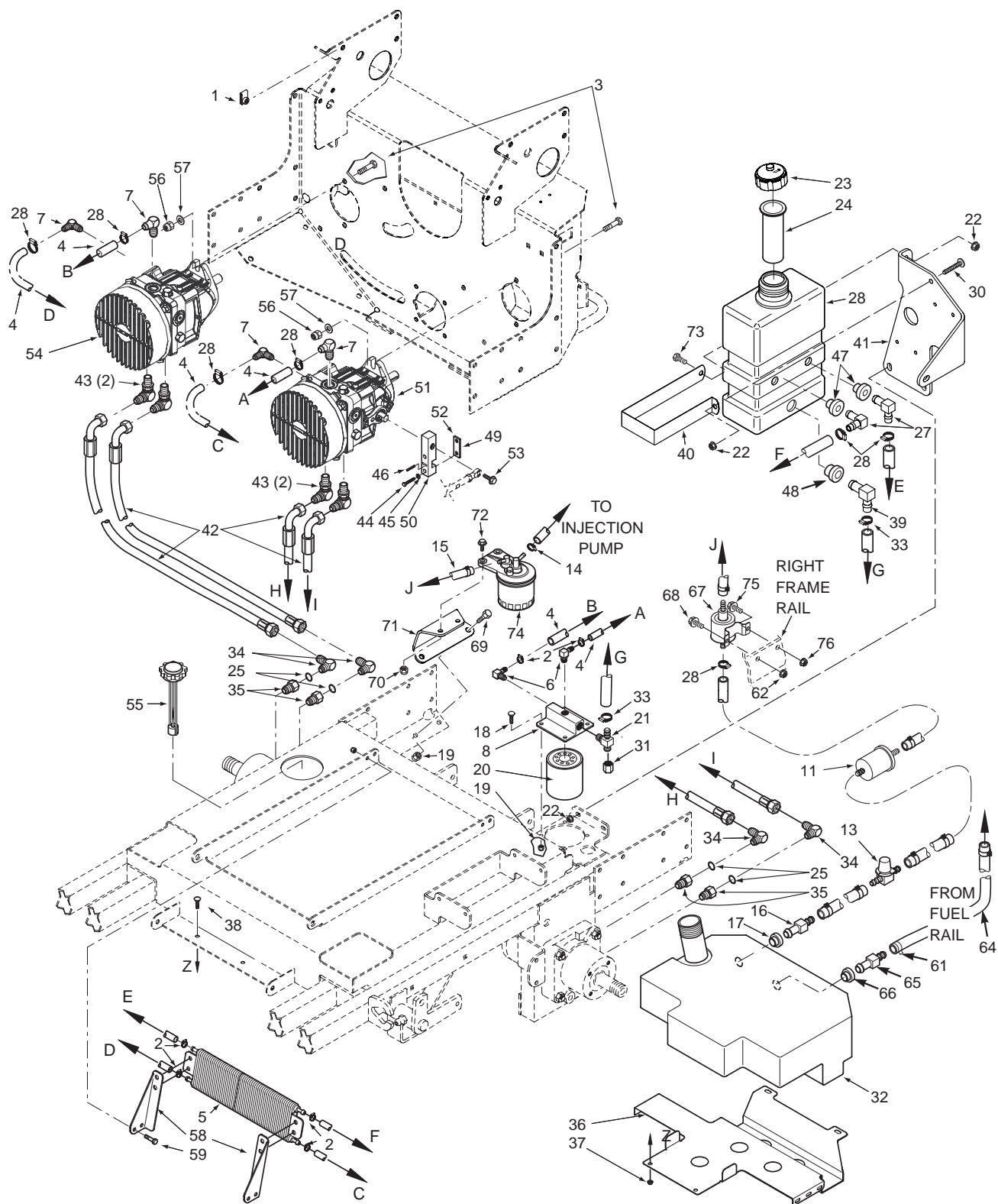
BRAKE AND STEERING COMPONENTS



BRAKE AND STEERING COMPONENTS

Ref. Part No. No.	Description	Ref. Part No. No.	Description
1 482340	Grip, Handle Bar	44 04001-22	Bolt, Hex Head 3/8-16 x 2-3/4"
2 461914	Handle Bar, LH (Includes item 1)	45 04019-06	Nut, Hex Serrated Flange 1/2-13
461923	Handle Bar, RH (Includes item 1)	46 48343-04	Clevis, Traction Control
3 04001-09	Bolt, Hex Head 5/16-18 x 1"	47 04064-02	Pin, Clevis 3/8-16 x 1-1/16"
4 04030-03	Lockwasher, 5/16"	48 04061-02	Pin, Cotter 3/32 x .75
5 483250	Rubber Spacer	49 04004-34	Rod, Parking Brake
6 483238	Bar, Control Lever	50 48544	Rod End, LH Thread
7 451483	Control Lever Weldment, LH	51 48796	Bushing, Self Align
451484	Control Lever Weldment, RH	52 04001-08	Bolt, Hex Head 5/16-18 x 3/4"
8 04001-17	Bolt, Hex Head 5/16-18 x 2"	53 04001-147	Bolt, Hex Hd 3/8-24 x 5-1/4", 23/4" Thrd
9 04021-10	Nut, Hex Elastic Stop 5/16-18	54 481637	Switch
10 04001-45	Bolt, Hex Head 3/8-16 x 2"	55 04010-12	Screw, Hex SLTD WSHR Head #10 32 x 3/4"
11 04021-09	Nut, Hex Elastic Stop	56 451970	Brake Linkage, LH
12 423488	Mount, Control Linkage	451971	Brake Linkage, RH
13 48224	Ball Bearings, Neutral Return	57 45953	Bellcrank, Brake Actuator
14 43607	Spacer	58 48807	Spring
15 04069-01	Pin, Rue Cotter 3/8 Dia.	59 04001-163	Bolt, Hex Head 1/2-13 x 3-3/4"
16 04001-13	Bolt, Hex Head, 5/16-18 x 2.75 Zinc	60 04021-19	Locknut, Hex 1/2-13 Center Lock
17 04021-13	Nut, Hex Elastic Stop 5/8-11	61 04001-52	Bolt, Hex Head 1/2-13 x 2-1/2"
18 461601	Bracket, Control Lever LH	62 483190	Wheel Motor, Hydro-Gear 15E (27CH, 27KA)
461602	Bracket, Control Lever RH	482639	Wheel Motor, Ross (29DFI)
19 04003-04	Bolt, Carriage 5/16-18 x 1"	483677	Wheel Motor, Hydro-Gear 18E (35BV)
20 43600	Spacer, Bearing	63 04001-12	Bolt, Hex Head, 5/16-18 x 1.75, Zinc
21 04003-12	Bolt, Carriage 5/16-18 x 3/4"	64 483644	Brake Band Assembly
22 04019-03	Nut, Hex Serrated Flange 5/16-18	65 04064-16	Pin, Clevis 3/8" Dia. x 1.93"
23 04050-01	Ring, Retaining 5/8" External "E"	66 43063	Spacer
24 43602	Spacer	67 461438	Wheel Hub/Brake Drum Assembly
25 45918	Bracket, Neutral Return	68 04063-25	Key, Woodruff 5/16 x 1"
26 04003-02	Bolt, Carriage 1/4-20 x 3/4"	69 481552	Wheel Assembly 23 x 10.5-12 (52" Only)
27 04040-14	Flatwasher, 1/4" (.312 x .750 x .065)	481659	Rim W/Valve Stem (52" Only)
28 04021-08	Nut, Hex Elastic Stop 1/4-20	481660	Tire, 23 x 10.5-12 (52" Only)
29 43477	Pin, Retaining Spring	481850	Wheel Assembly 24 x 12-12 Turf Master
30 481389	Spring	481851	Rim W/Valve Stem
31 04060-01	Roll Pin, Spring 5/32 x 3/4"	481852	Tire, 24 x 12-12 Turf Master
32 04061-06	Pin, Cotter 9/16 x 1-1/2"	70 04028-02	Lug Nut, 1/2-20
33 482586	Rod End, Male 3/8-24 RH Thread	71 48680	Nut, Hex Castle
34 04020-25	Nut, 3/8-24 RH Thread	72 422373	Threaded Plate
35 43629	Tube, Control Link Air-Cooled Engine	73 04001-20	Bolt, Hex Head 3/8-16 x 1-1/2"
43624	Tube, Control Link Liquid-Cooled Engine	74 423279	Plate Weldment, Motor Backing
36 04020-26	Nut, Hex 3/8-24 LH Thread	75 423491	Actuator Switch
37 482585	Rod End, Male 3/8-24 LH Thread	76 04017-16	Bolt, Hex Serrated Flange 5/16-18 x 3/4"
38 04021-10	Locknut, 5/16-18, Elastic Stop	77 04003-36	Bolt, Carriage 3/8-16 x 4-3/4"
39 482794	Gas Damper	78 04001-19	Bolt, Hex Head 3/8-16 x 1"
40 04001-187	Bolt, Hex Head 1/2-13 x 2-1/2" Grade 8	79 481638	Switch
41 48114-04	Grease Fitting	80 04001-168	Bolt, Hex Head 3/8-16 x 1-1/4" Grade 8
42 461082	Lever, Parking Brake (Includes item 43)	81 04003-38	Bolt, Carriage 5/16-18 x 1-1/2"
43 481548	Grip, Parking Brake	82 483269	Knob

FUEL AND HYDRAULIC SYSTEM - KUBOTA DIESEL



2007 STT-BSD F&HS.eps

Section 8

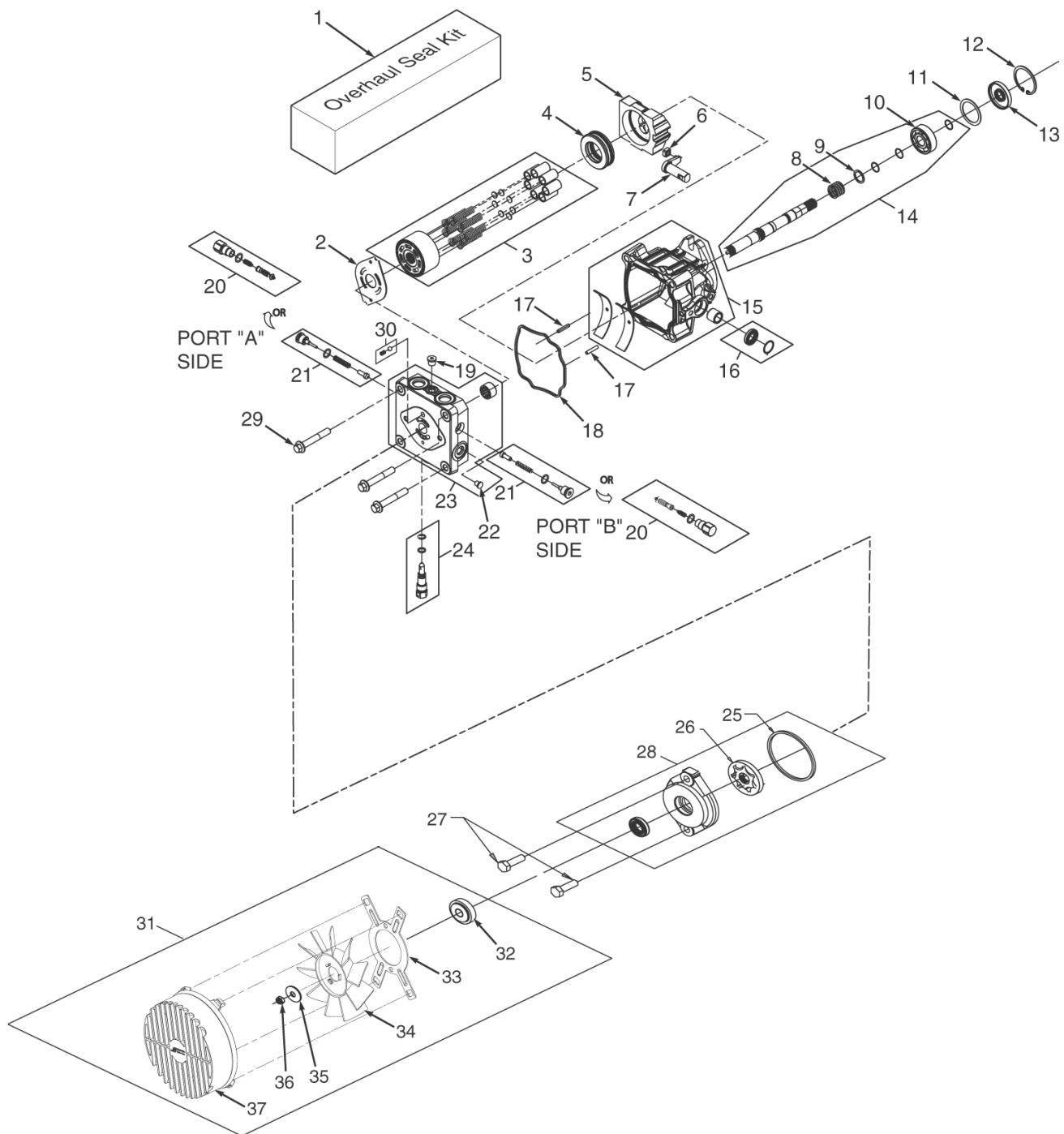


FUEL AND HYDRAULIC SYSTEM - KUBOTA DIESEL

Ref. Part No. No.	Description	Ref. Part No. No.	Description
1	04110-01 U-Nut 1/4-20	40	423513 Strap, Hydraulic Tank
2	48136-13 Hose Clamp, 0.69 dia.	41	424524 Support Bracket, Hydraulic Tank
3	04001-03 Bolt, Hex Head 1/4-20 x 2.0"	42	481611 Hose Assembly, Pump
4	48811 Hose, 3/8" ID Pushlock - (order by inch)	43	48572-04 Union, 3/4-16 JIC x 3/4-16 O-ring
5	482505 Oil Cooler	44	04001-59 Bolt, Hex Head, 1/4-20 x 1-14"
6	481301-03 Elbow, 90 Degree - 1/4 NPT x 3/8 Hose	45	04030-02 Lockwasher, 1/4" Spring
7	482266-01 Elbow, 90 Degree - 9/16 O-ring x 3/8" Hose	46	04060-09 Roll Pin, Spring 3/16 x 3/4"
8	482417 Oil Filter Base	47	04017-05 Bolt, Hex Serrated Flange, 1/4-20 x 3/4"
9	482606 Hose Assembly, 1/2" ID (Tank to Filter Base)	48	483620 Fuel Hose, 5/16" ID. Non-Perm (order by inch)
10	48136-05 Clamp, .87 max Dia.	49	422694 Clamp Plate, Pump Control
11	** Fuel Pre-Filter, Kubota	50	481793 Block, Pump Control
12	483620 Fuel Hose, 5/16" ID. Non-Perm. (order by inch)	51	483101 Pump, Left Hand, BDP-16A
13	Valve, Shutoff	52	04021-09 Nut, Hex, Elastic Stop 3/8-16
14	48059-01 Clamp, Fuel Hose	53	04001-32 Bolt, Hex Head, 3/8-16 x 1-1/4
15	483620 Fuel Hose, 5/16" ID. Non-Perm (order by inch)	54	483100 Pump, Right Hand, BDP 16A
16	481312 Hose Fitting	55	482498 Cap, Fuel Tank W/Gauge
17	48309 Bushing	56	04021-09 Nut, Hex Elastic Stop 3/8-16
18	04001-09 Bolt, Hex Head 5/16-18 x1.0" Zinc	57	04043-04 Flatwasher, 3/8" (.391 x .938 x .105) Grade 8
19	04019-03 Nut, Serrated Flange 5/16-18	58	424483 Mounting Bracket - LH, Oil Cooler
20	48758 Oil Filter		424484 Mounting Bracket - RH, Oil Cooler
21	482477 Tee, 3/4 O-ring x JIC x 1/2" Hose	59	04001-08 Bolt, Hex Head 5/16-18 x 3/4"
22	04021-08 Nut, Hex Elastic Stop 1/4-20	60	482505 Cooler, Oil
23	481164 Cap, Hydraulic Tank	61	48136-13 Clamp, .69 Dia.
24	481507 Insert, Filler Neck	62	04019-03 Nut, Serrated Flange 5/16-18
25	48603-02 O-Ring	63	** Adapter, 1/2" - 5/16" (p/n 59071-2141)
26	461451 Oil Reservoir Assembly (includes 24, 27, 39)	64	48058 Hose, 1/4" Fuel Line (order by inch)
27	482572 Elbow, 90 Degree .38 Hose	65	482703 Fitting, Hose
	482571 Bushing, .56 Dia. Viton	66	48309 Bushing
28	48136-13 Hose Clamp, 0.69 dia.	67	** Fuel Pump, Kubota
29	48811 Hose, 3/8" ID, Pushlock (order by inch)	68	04017-16 Bolt, Hex Head 5/16-18 x 3/4"
30	04010-10 Screw, Phillips Head, 1/4-20	69	04001-19 Bolt, Hex Head 3/8-16 x 1"
31	48571-02 Cap	70	04021-09 Nut, Elastic Stop 3/8-16
32	461452 Fuel Tank Assembly (incl. items 16, 17, 65, 66)	71	424487 Bracket, Fuel Filter Mounting
33	48136-05 Clamp, Hose	72	04017-16 Bolt, Hex Head Serr. Flange 5/16-18 x 3/4"
34	48350-02 Elbow, 90 Degree, 7/8-14 THD	73	04001-01 Bolt, Hex Head 1/4-20 x 3/4"
35	48938-02 Bushing, 7/8-14 JIC x 3/4-16 O-Ring	74	** Fuel Filter
36	423701 Support Bracket, Fuel Tank	75	04017-05 Bolt, Hex Head 1/4-20 x 3/4"
37	04019-03 Nut, 5/16-18 Serrated Flange	76	04019-02 Nut, Serrated Flange 1/4-20
38	04003-02 Bolt, Carraige 1/4-20 x 3/4"		
39	482574 Elbow, 90 Degree		
	482573 Bushing, .78 Dia. Viton		

** Available through the individual engine manufacturer.

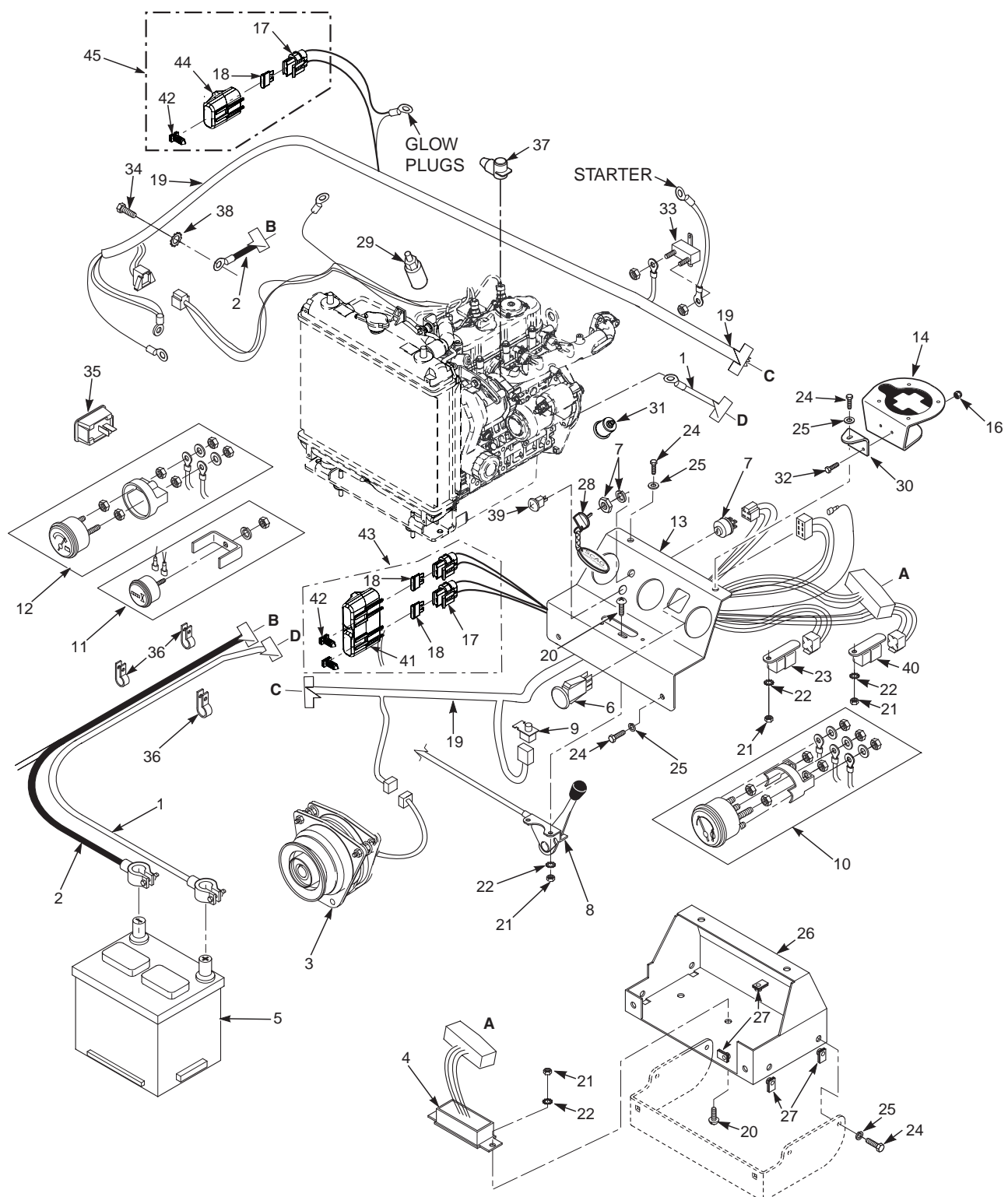
BDP-16A HYDRAULIC PUMP ASSEMBLY WITH COOLING FAN



BDP-16A HYDRAULIC PUMP ASSEMBLY WITH COOLING FAN

Ref. No.	Part No.	Description
1	HG70740	Overhaul Seal Kit
2	HG51455	Valve Plate
3	HG70735	Cylinder Block Kit - 16cc
4	HG51462	Thrust Ball Bearing Assembly
5	HG51436	Variable Swashplate
6	HG2000015	Slot Guide
7	HG2000014	Trunnion Arm
8	HG2000025	Block Spring
9	HG2000024	Block Thrust Washer
10	HG2000032	Shaft Ball Bearing
11	HG2000023	Spacer
12	HG2000038	Retaining Ring
13	HG51092	Seal
14	HG70578	Kit, Pump Shaft (keyed thru taper)
15	HG70738	Housing Kit
16	HG70739	Trunnion Seal Kit
17	HG50641	Pin
18	HG51437	O-Ring
19	HG9005110-7500	Straight Thread Plug
20	HG70743	Shock Valve Kit (.031 Orifice)
21	HG70742	Shock Valve Kit (.024 Orifice)
22	HG9005200-7500	Straight Thread Plug
23	HG70736	End Cap Kit
24	HG2513030	Bypass Valve Kit
25	HG9004100-1430	O-Ring
26	HG50406	Gerotor Assembly (.19 cu.in./rev.)
27	HG50173	Socket Head Cap Screw (M8 x 1.25-25mm)
28	HG70924	Charge Pump Kit (.19 STD. Splined)
29	HG51457	Hex Screw, Flanged Head (M10 x 1.50-65mm)
30	HG70402	Charge Relief Kit
31	HG71287	Fan Kit (incl. items 32, 34, 35, 36)
32	HG51348	Hub
33	HG52016	Bracket, Shroud
34	HG52014	Fan
35	HG52256	Washer
36	HG44809	Nut
37	HG52059	Shroud

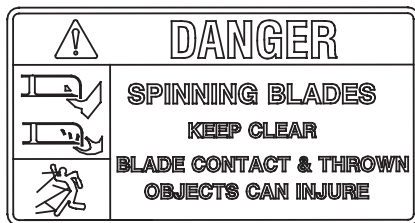
ELECTRICAL SYSTEM - KUBOTA DIESEL



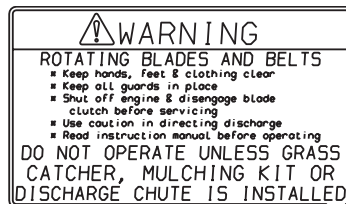
ELECTRICAL SYSTEM - KUBOTA DIESEL

Ref. Part No. No.	Description
1 481176-10	Cable, Positive Battery
2 481176-11	Cable, Negative Battery
3 462011	Clutch, Electric PTO
4 481808	Module, Interlock
5 *	Battery (not available through Scag)
6 483162	Switch, PTO
7 48798	Switch, Key (Includes Nut and Lockwasher)
48017-03	Nut, 5/8-32 Special
48017-04	Lock Washer 5/8"
8 483356	Cable, Control (Throttle)
9 481638	Switch, Seat
10 481183	Gauge, Water Temperature
11 481805	Gauge, Oil Pressure
12 481184	Gauge, Voltmeter
13 462013	Panel, Instrument Panel
14 9240	Cup Holder Accessory (includes 16, 30, 32)
15 04010-11	Screw, #10-32 x 1.5" Phillips
16 04021-01	Nut, #10-32 Elastic Stop
17 483629	Fuse Holder
18 48298	Fuse, 20 Amp
19 483627	Harness, Wiring
20 04010-01	Screw, #10-32 x .5" Phillips
21 04020-01	Nut, Hex #10-32
22 04031-01	Lock Washer #10
23 483013	Relay
24 04001-01	Bolt, Hex Head 1/4-20 x .75"
25 04030-02	Lock Washer 1/4"
26 451879	Base, Instrument Panel
27 04110-01	U-Nut, 1/4-20
28 483366	Key, Ignition
462069	Key Assembly w/Fob
29 483360	Sender Unit, Water Temperature
30 423674	Cup Holder Mounting Bracket
31 481811	Sender Unit, Oil Pressure
32 04001-01	Bolt, Hex Head 1/4-20 x 3/4"
33 482784	50 Amp Breaker
34 04002-17	Bolt, Hex Head M8-1.25 x 14
35 483355	Hour Meter
36 48030-09	Clamp, Cable .5" ID
48030-10	Clamp, Cable .75" ID
37 481335	Boot, Positive Battery Terminal
38 04031-03	Washer, Star
39 481182	Indicator Light, Glow Plugs
40 481826	Relay, 40 Amp
41 483571	Cover, Sealed Double
42 482588	Clip, Wire
43 483642	Double Fuse Assembly, Sealed (Incl. items 17, 18, 41, 42)
44 483643	Cover, Sealed Single
45 483641	Single Fuse Assembly, Sealed (Incl. items 17, 18, 42, 44)

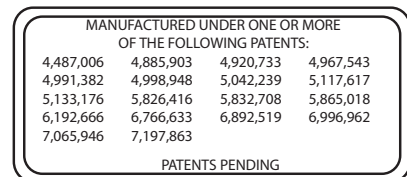
REPLACEMENT DECALS AND INFORMATION PLATES



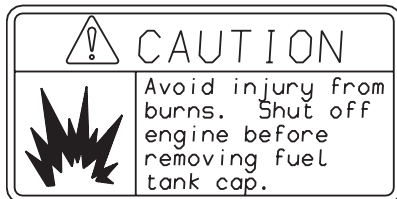
1



2



5



4



3



481568

6



481971

7

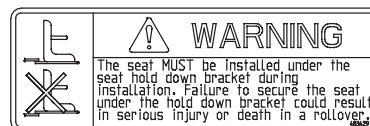


48404

8



9

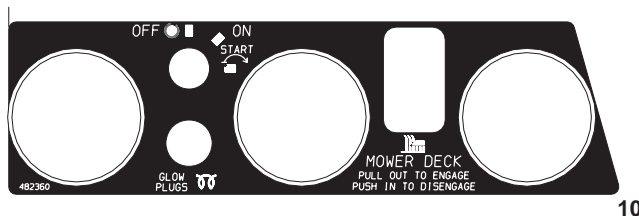


23



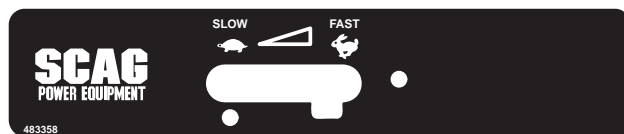
483425

25



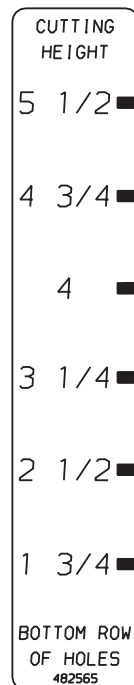
482360

10

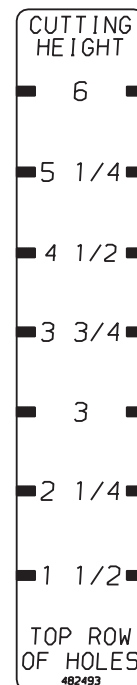


483358

11



13



22



14

REPLACEMENT DECALS AND INFORMATION PLATES

Ref. No.	Part No.	Description
1	483407	Decal, Danger-Spinning Blades
2	483406	Decal, Warning-Rotating Blades
3	483201	Decal, 61 Velocity Plus
4	483395	Decal, Fuel Tank
5	483044	Decal, Patents
6	481568	Decal, Traction Control
7	481971	Decal, Heavy Duty Commercial
8	48404	Decal, Metalcraft-Made In USA
9	483402	Decal, Belt Cover
10	482360	Decal, Instrument Panel-Upper
11	483358	Decal, Instrument Panel - Lower
12	483411	Decal, Seat Replacement
13	482565	Decal, Cutting Height - Lower
14	483398	Decal, Start/Drive Procedure
15	483154	Decal, Seat Support
16	482577	Decal, Turf Tiger
17	483229	Decal, Turf Tiger
18	481664	Decal, Stripes-RH
19	481663	Decal, Stripes-LH
20	483509	Decal, Tiger
21	483405	Decal, Warning
22	482493	Decal, Cutting Height - Upper
23	483429	Decal, Warning Seat Hold Down
24	483158	Decal, ROPS
25	483425	Decal, ROPS
**	461982	Spanish Decal Kit, STT (not shown)

IMPORTANT ADJUSTMENT PROCEDURES
 READ OPERATOR'S MANUAL FOR MORE DETAILS
 Check tire pressure - (Drive tires-12 psi, Caster tires-25 psi)

NEUTRAL ADJUSTMENT
 Loosen jam nuts

 Rotate turnbuckle
 With an operator in the seat, engine running, control levers in neutral and the parking brake disengaged - adjust control linkage. Loosen jam nuts. If wheel rotates forward, adjust turnbuckle CW. If wheel rotates rearward, adjust turnbuckle CCW. Adjust until drive wheel stops turning. Tighten jam nuts. Repeat for opposite side.

TRACKING ADJUSTMENT
 If the machine pulls to the right, adjust LH control linkage CCW to slow left wheel. If the machine pulls to the left, adjust RH control linkage CCW to slow right wheel. Readjust neutral if necessary.

FREE WHEEL OPERATION
 To move machine without running the engine, rotate both dump valves located at the LH side of the pumps CCW 1/2 turn to "FreeWheel" positions. Return dump valves to original position to operate the mower. Tighten to 7-10 FT-Lbs.

HYDRAULIC FLUID LEVEL
 Check hydraulic fluid level while fluid is cool. Fluid level should be 3" below top of filler neck. Fill with SAE 20W50 motor oil only.

IMPORTANT
 Do not overfill. Room for hot fluid expansion must be allowed or resulting expansion may cause leaks in the system.

IMPORTANT DRIVESHAFT MAINTENANCE
 Grease yokes 3-4 pumps Every 200 hours

 Grease spline 8-10 pumps Every 50 hours

482710

15



16



17



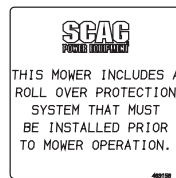
12



21



20



24



18



19

ELECTRICAL SCHEMATIC - KUBOTA DIESEL

